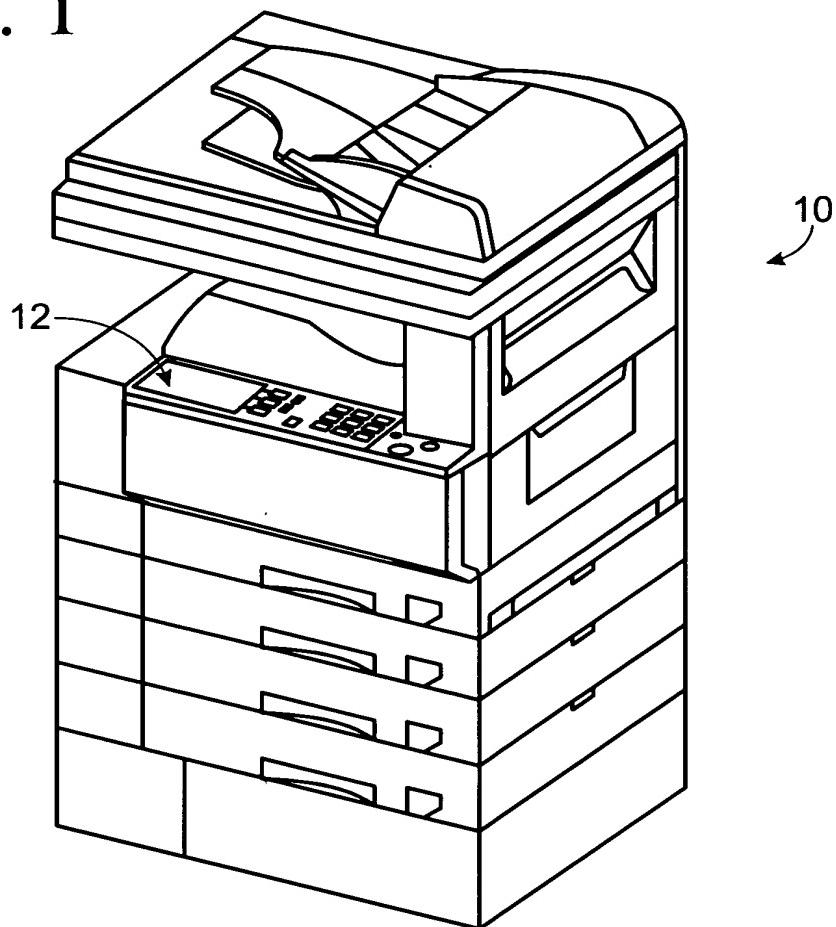METHOD AND APPARATUS FOR
PROOFING A SCAN JOB
Inventors: Roy K. Chrisop, et al.
Docket: P1059.13005   SLA 1358

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Fig. 1

10

12

Fig. 2

SCANNER	/	PRINTER

11   13

MEMORY

16

DISPLAY

12

PROCESSING
UNIT

18

14

10

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Fig. 3

~20
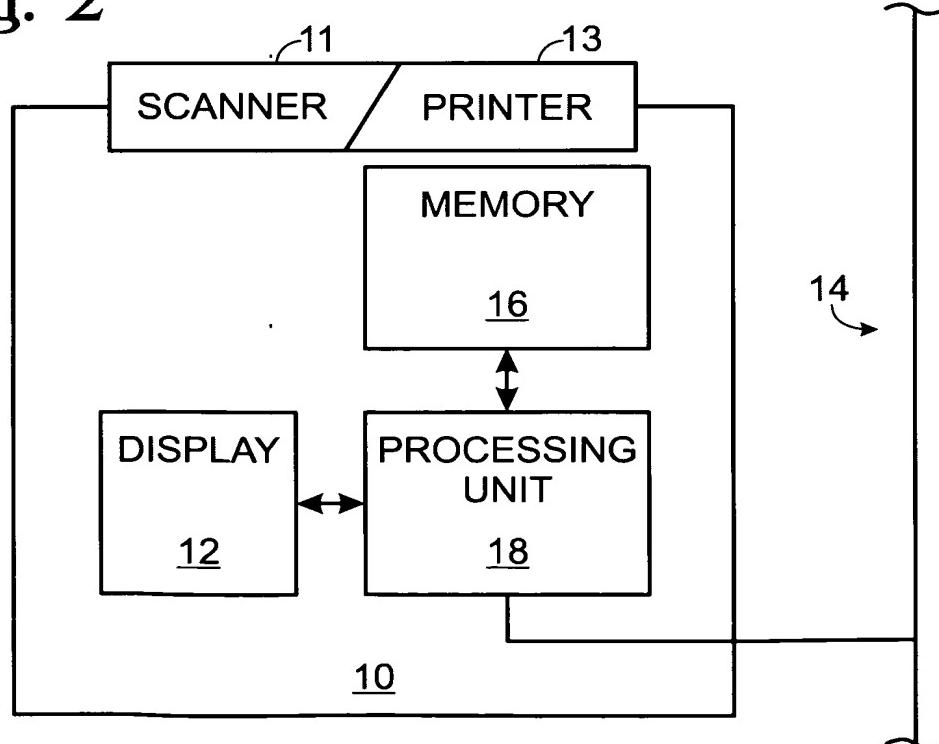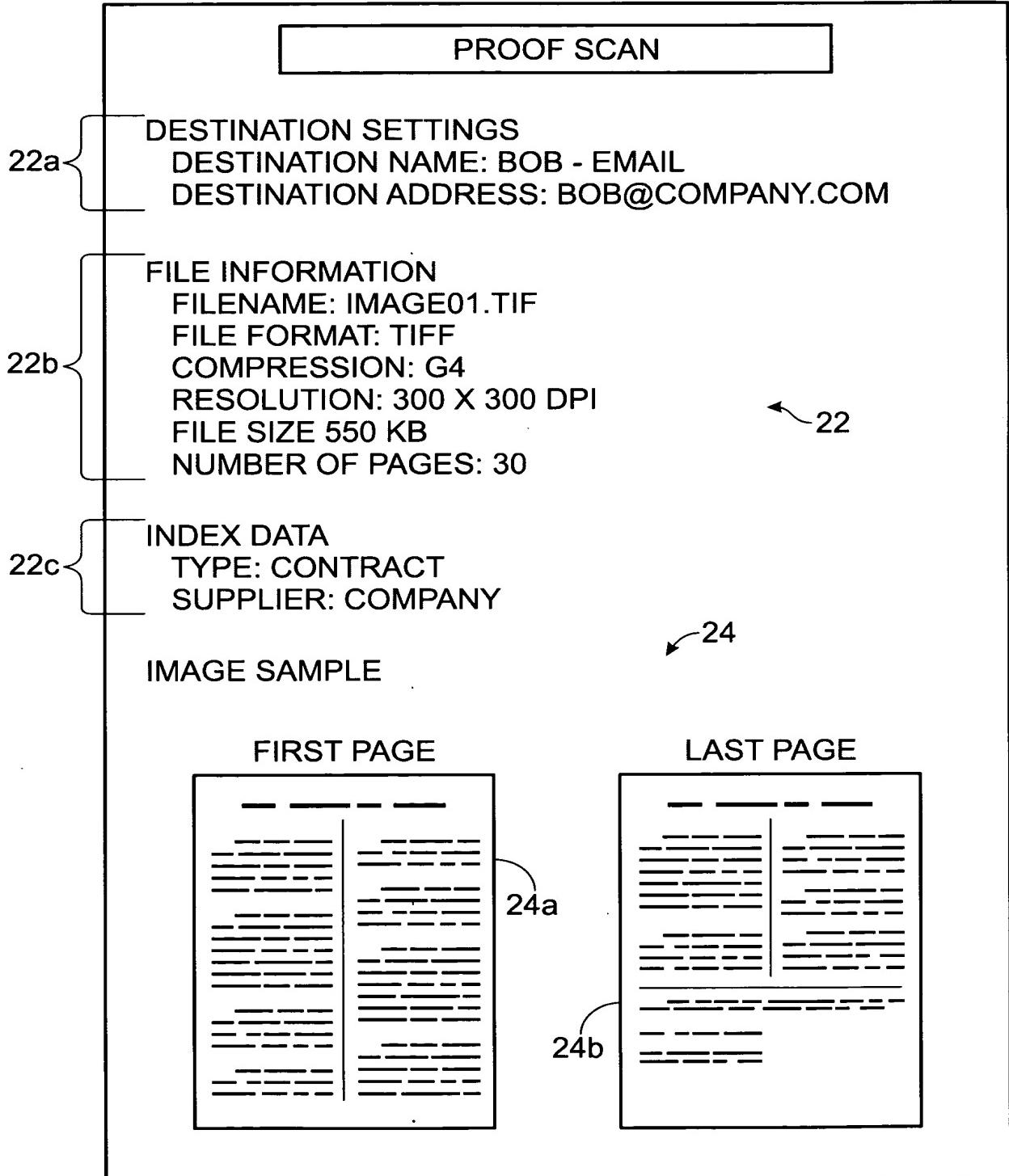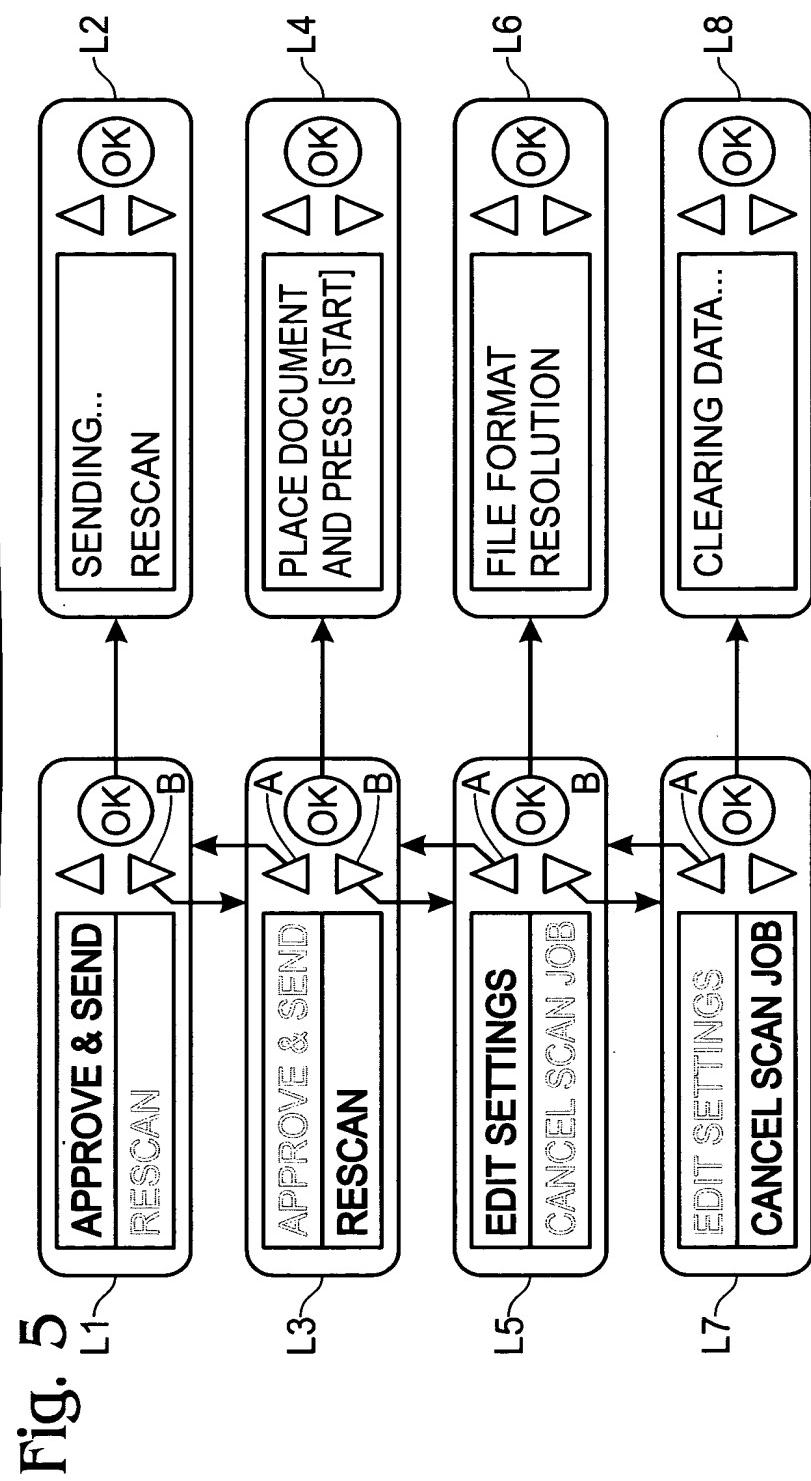
```
┌──────────────────────────────────────────────────────────┐
│              ┌─────────────────────────────┐              │
│              │          PROOF SCAN         │              │
│              └─────────────────────────────┘              │
│                                                            │
│        DESTINATION SETTINGS                                │
│  22a       DESTINATION NAME: BOB - EMAIL                   │
│            DESTINATION ADDRESS: BOB@COMPANY.COM            │
│                                                            │
│                                                            │
│        FILE INFORMATION                                    │
│            FILENAME: IMAGE01.TIF                           │
│            FILE FORMAT: TIFF                               │
│  22b       COMPRESSION: G4                                 │
│            RESOLUTION: 300 X 300 DPI            ←22        │
│            FILE SIZE 550 KB                                │
│            NUMBER OF PAGES: 30                             │
│                                                            │
│                                                            │
│        INDEX DATA                                          │
│  22c       TYPE: CONTRACT                                  │
│            SUPPLIER: COMPANY                               │
│                                               ╱24         │
│        IMAGE SAMPLE                                        │
│                                                            │
│          FIRST PAGE                    LAST PAGE           │
└──────────────────────────────────────────────────────────┘
```
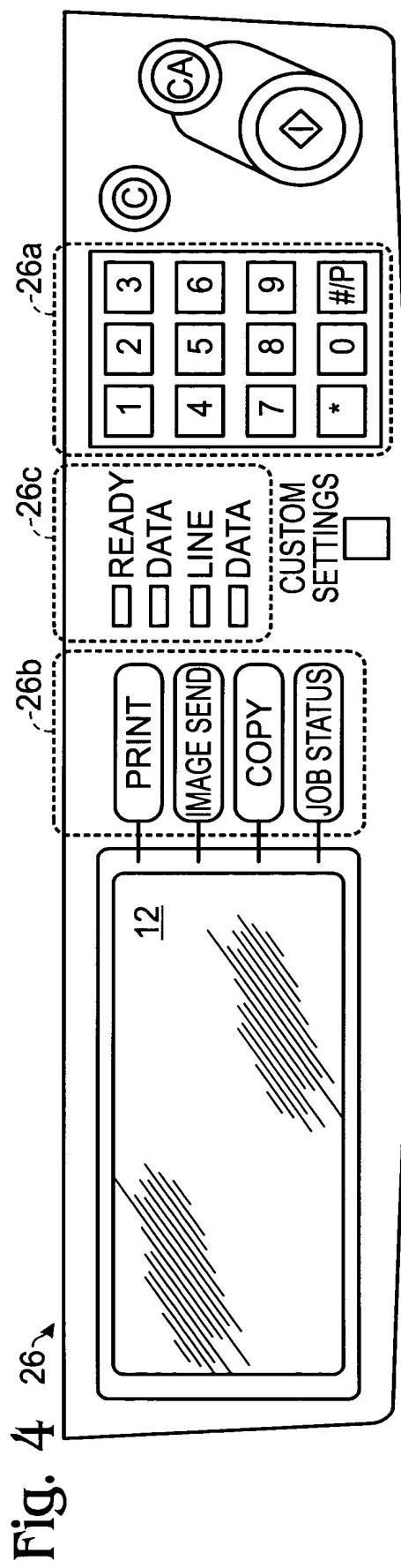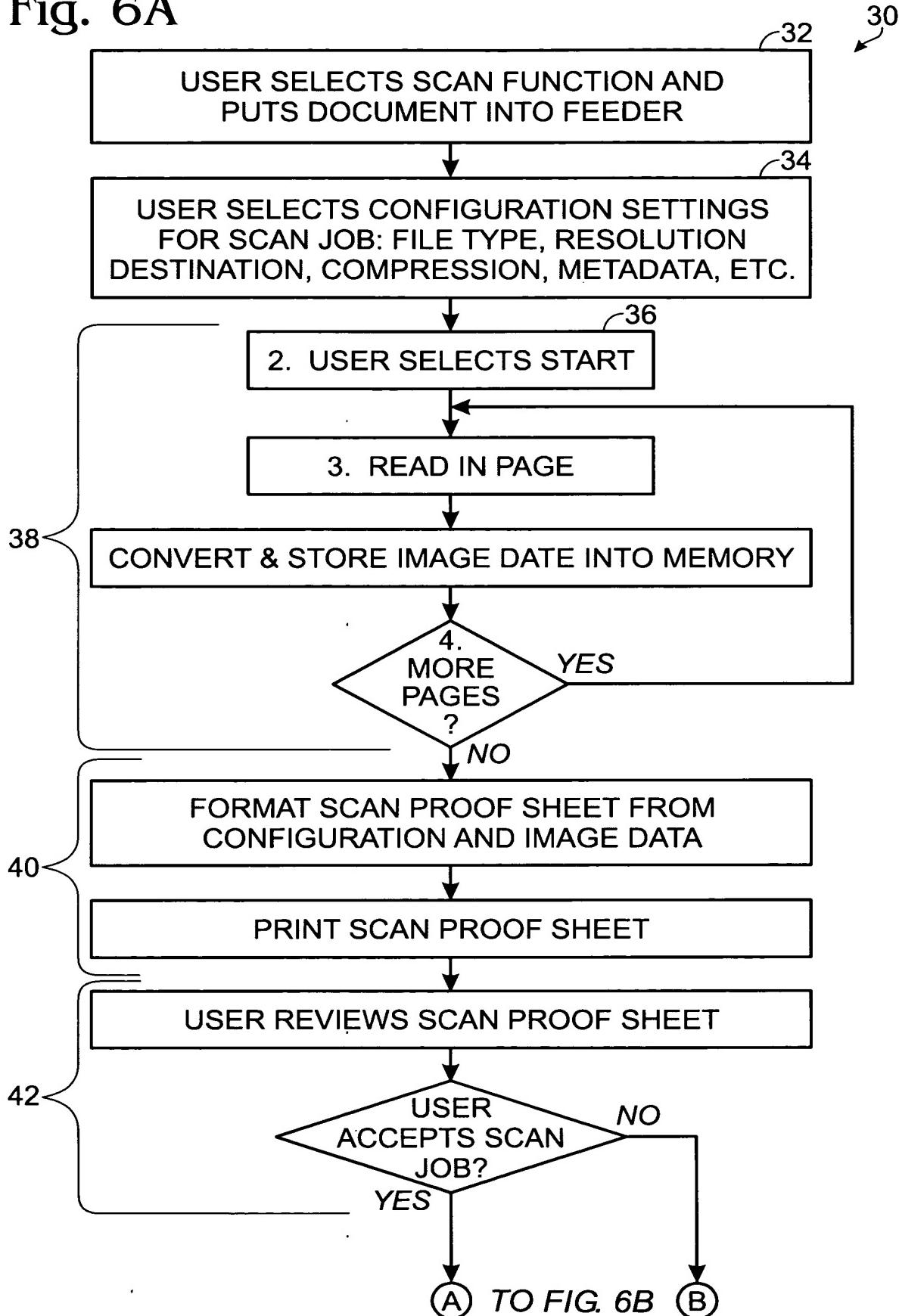
24a

24b

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Fig. 4

26

12

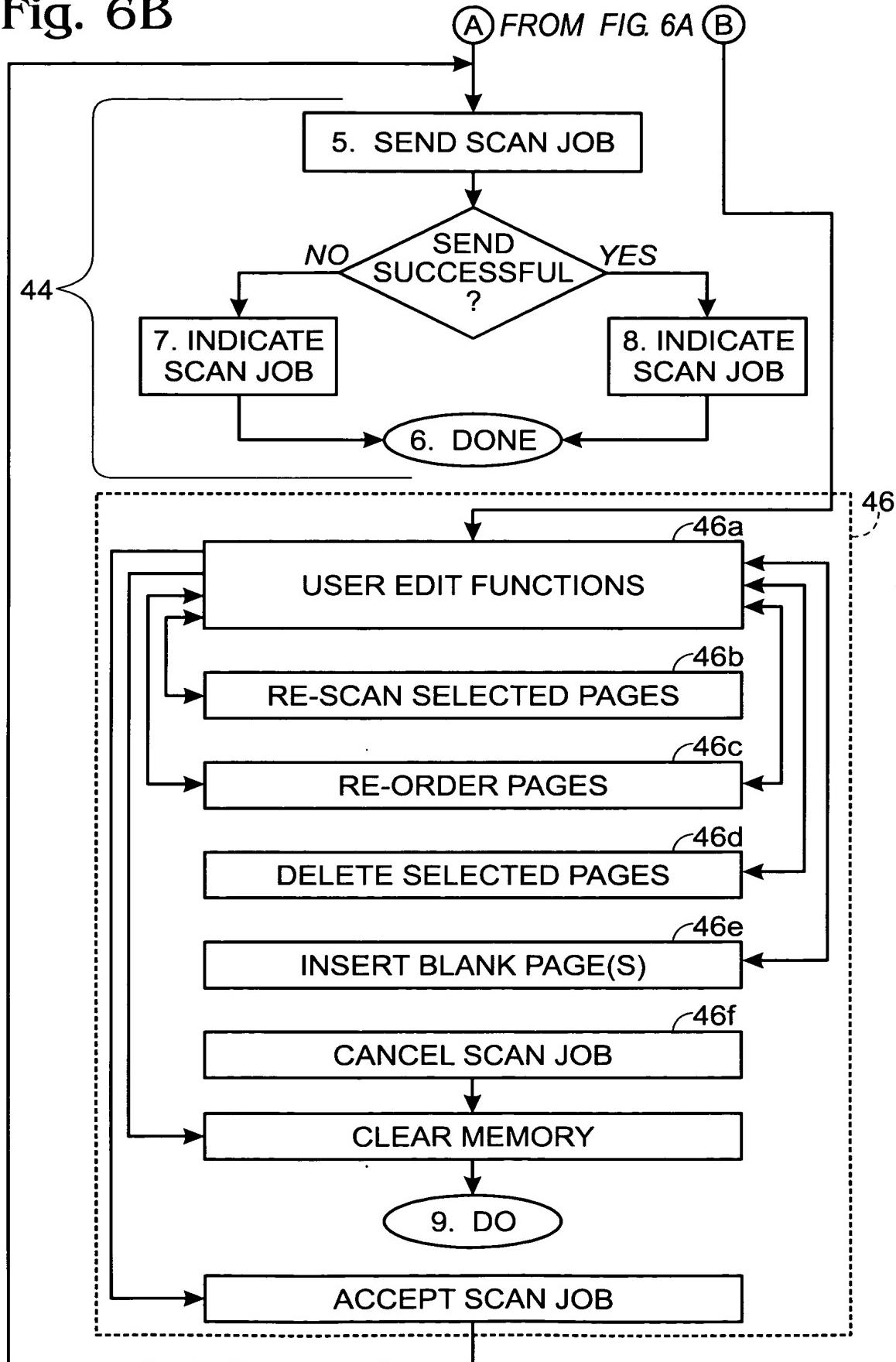26a

1 2 3
4 5 6
7 8 9
* 0 #/P

26c

□ READY
□ DATA
□ LINE
□ DATA

CUSTOM SETTINGS □

26b

PRINT
IMAGE SEND
COPY
JOB STATUS

CA
©

Fig. 5

L1
APPROVE & SEND
RESCAN
◁ OK ▷ B

L2
SENDING...
RESCAN
◁ OK ▷

L3
APPROVE & SEND
RESCAN
A ◁ OK ▷ B

L4
PLACE DOCUMENT
AND PRESS [START]
◁ OK ▷

L5
EDIT SETTINGS
CANCEL SCAN JOB
A ◁ OK ▷ B

L6
FILE FORMAT
RESOLUTION
◁ OK ▷

L7
EDIT SETTINGS
CANCEL SCAN JOB
A ◁ OK ▷

L8
CLEARING DATA...
◁ OK ▷

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Fig. 6A

30

32

| USER SELECTS SCAN FUNCTION AND PUTS DOCUMENT INTO FEEDER |

34

| USER SELECTS CONFIGURATION SETTINGS FOR SCAN JOB: FILE TYPE, RESOLUTION DESTINATION, COMPRESSION, METADATA, ETC. |

36

| 2. USER SELECTS START |

| 3. READ IN PAGE |

38

| CONVERT & STORE IMAGE DATE INTO MEMORY |

4. MORE PAGES ?   YES

NO

40

| FORMAT SCAN PROOF SHEET FROM CONFIGURATION AND IMAGE DATA |

| PRINT SCAN PROOF SHEET |

| USER REVIEWS SCAN PROOF SHEET |

42

USER ACCEPTS SCAN JOB?   NO

YES

Ⓐ *TO FIG. 6B* Ⓑ

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Fig. 6B

(A) *FROM FIG. 6A* (B)

5. SEND SCAN JOB

SEND SUCCESSFUL ?

NO   *YES*

7. INDICATE SCAN JOB

8. INDICATE SCAN JOB

6. DONE

44

46

46a — USER EDIT FUNCTIONS

46b — RE-SCAN SELECTED PAGES

46c — RE-ORDER PAGES

46d — DELETE SELECTED PAGES

46e — INSERT BLANK PAGE(S)

46f — CANCEL SCAN JOB

CLEAR MEMORY

9. DO

ACCEPT SCAN JOB

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Fig. 7

32-36

USER ENTERS SCAN SETTINGS, SCANS THE DOCUMENT, AND SELECTS PROOF SCAN

40
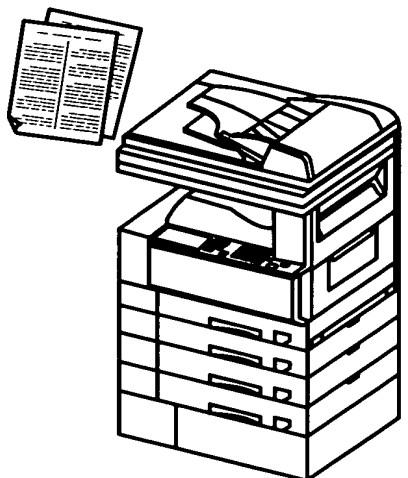
MFP FORMATS PROOF SCAN PAGE(S) AND PRINTS

20

PROOF SCAN
FILENAME: 2-10-03 CONTRACT
DESTINATION: BOB_DESKTOP
RESOLUTION: 300 DPI
FILE TYPE: TIFF G4
FILE SIZE: 550 KB
NUMBER OF PAGES 30
INDEX DATA
   TYPE: CONTRACT
   SUPPLIER: COMPANY
FIRST PAGE   LAST PAGE
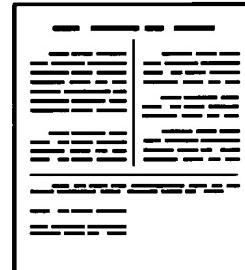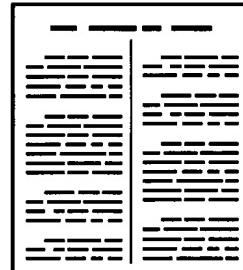
42,46

USER CHECKS QUALITY AND SETTINGS; ACCEPTS, CHANGES OR CANCELS JOB

REVIEW PROOF SCAN PRESS
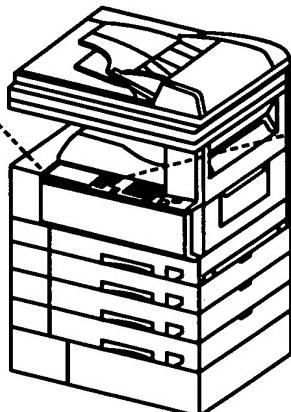
APPROVED	TO SEND TO SCAN DESTINATION
CHANGE	TO MAKE CHANGES BEFORE SENDING
CANCEL	TO CANCEL THIS SCAN JOB

OK   <u>12</u>

44

IF APPROVED, MPF TRANSMITS SCAN JOB TO DESTINATION

SCAN
DESTINATION

46

ALTERNATIVE: IF CHANGES ARE NECESSARY, USER MAKES REQUIRED ADJUSTMENTS, THEN SENDS TO DESTINATION